

Weekly SARS-CoV-2 Sequencing Summary for the State of Maine

December 24th, 2021

SUMMARY

Critical updates

- 11,992 genomes sampled between March 10, 2020 and December 16, 2021 are included in the analysis
- 8 B.1.1.529/BA.1 (omicron) Variant of Concern have been identified
- 6105 B.1.617.2/AY.* (delta) Variant of Concern have been identified
- 1187 B.1.1.7-like (alpha) Variant being monitored have been identified
- 8 B.1.351 (beta) Variant being monitored have been identified
- 167 P.1-like (gamma) Variant being monitored have been identified

Notable Updates

- Proportion of sequenced samples typed as Omicron by collection week:

Week	Dates	Total Samples Sequenced	Omicron Samples	Proportion Omicron
50	12/5-12/11	162	1	0.62%
51	12/12-12/18	67	7	10.45%

IMPORTANCE

- Variants of Concern can have increased transmission
- Variants of Concern can have increased severity of disease based on hospitalization and case fatality rates
- Variants of Concern can have decreased susceptibility to therapeutic agents such as monoclonal antibodies
- Variants of Concern could evade natural or vaccine-induced immunity

CAVEATS and CONCERNS

- 405 samples do not contain metadata preventing upload to national databases and inclusion in monthly and weekly counts.
- Weekly biases exist due to uneven sampling across the state
- Need to reduce location bias by sequencing more samples from varying facilities and laboratories
- Turnaround times need to decrease to inform infection control practices
- Phylogenetic tree has no county metadata. Public release of county or aggregated-county metadata will aid regional analysis

REFERENCES

- <https://nextstrain.org/community/tewhey-lab/ncov-ME/latest>
<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/variant-surveillance/variant-info.html>
<https://covariants.org/>
<https://outbreak.info/situation-reports>
<https://nextstrain.org/>
<https://github.com/tewhey-lab/ncov-ME>

Pangolin Lineage	WHO Label	CDC Category	Cumulative Count	Sept 2021	Oct 2021	Nov 2021	Dec 2021
B.1.1.529 / BA.*	Omicron	VOC	8	0.0%	0.0%	0.0%	2.2%
B.1.617.2 / AY.*	Delta	VOC	6105	99.2%	98.2%	99.3%	97.3%
B.1.1.7 / Q.*	Alpha	VBM	1187	0.0%	0.0%	0.0%	0.0%
B.1.351	Beta	VBM	8	0.0%	0.0%	0.0%	0.0%
P.1*	Gamma	VBM	167	0.1%	0.0%	0.0%	0.0%
B.1.427 / B.1.429	Epsilon	VBM	153	0.0%	0.0%	0.0%	0.0%
P.2	Zeta	VBM	112	0.0%	0.0%	0.0%	0.0%
B.1.525	Eta	VBM	8	0.0%	0.0%	0.0%	0.0%
B.1.526	Iota	VBM	1013	0.0%	0.0%	0.0%	0.0%
B.1.621.*	Mu	VBM	104	0.0%	0.0%	0.0%	0.0%
C.37.*	Lambda		3	0.0%	0.0%	0.0%	0.0%
Total VOI/VOC Sequenced			8868	1140	1280	1119	370
Total Cases Sequenced			11992	1148	1303	1127	372

Table 1: Proportion of cases classified as a variant of concern (VOC), interest (VOI) or variants being monitored (VBM) by month. Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12 etc)

Prevalence of VOC and VOI in Maine (monthly)

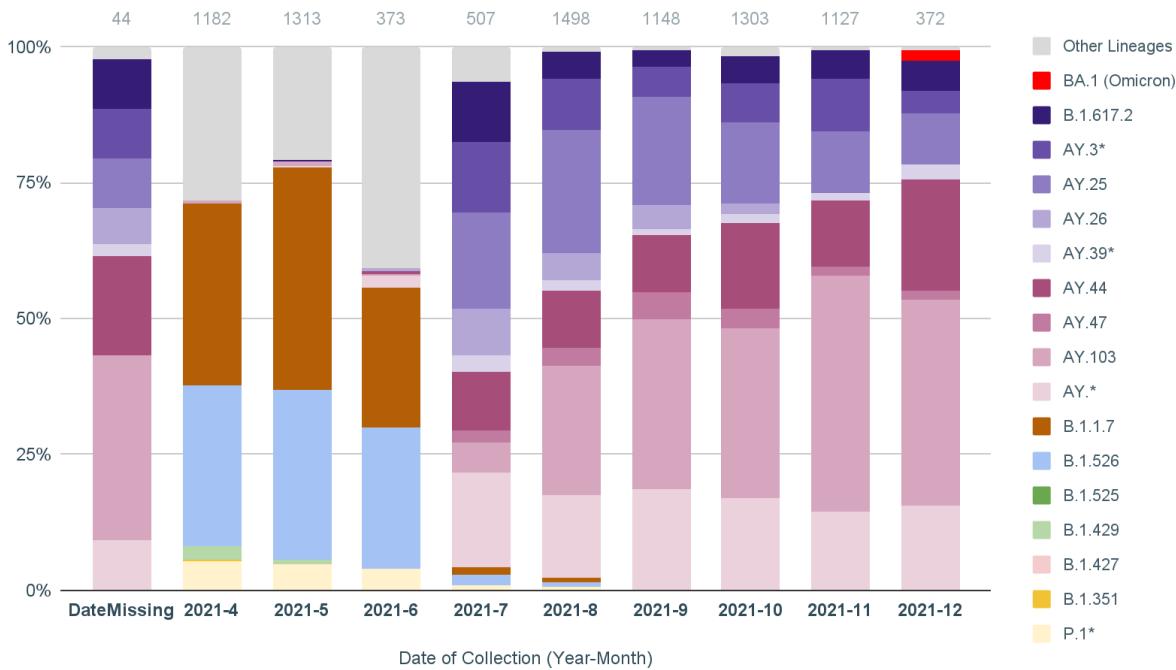


Figure 1: Proportion of samples typed as VOC/VOI/VBM by month. Samples represented as “DateMissing” include samples sequenced in the past 60 days without metadata.

Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12 etc)

AY.* does not include AY.3., AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

B.1.1.7 includes all Q.* sublineages

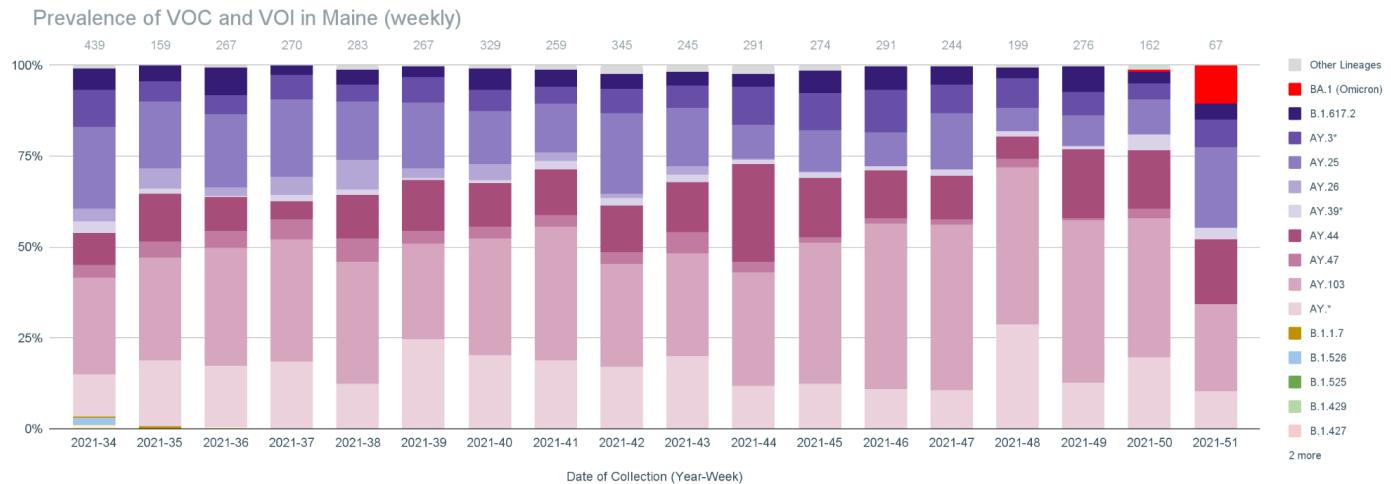


Figure 2: Proportion of samples typed as VOC and VOI by week.

Lineages with “*” include the parent lineage and all sublineages (e.g. P.1* include P.1, P.1.10, P.1.12)

AY.* does not include AY.3.*, AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

B.1.1.7 includes all Q.* sublineages

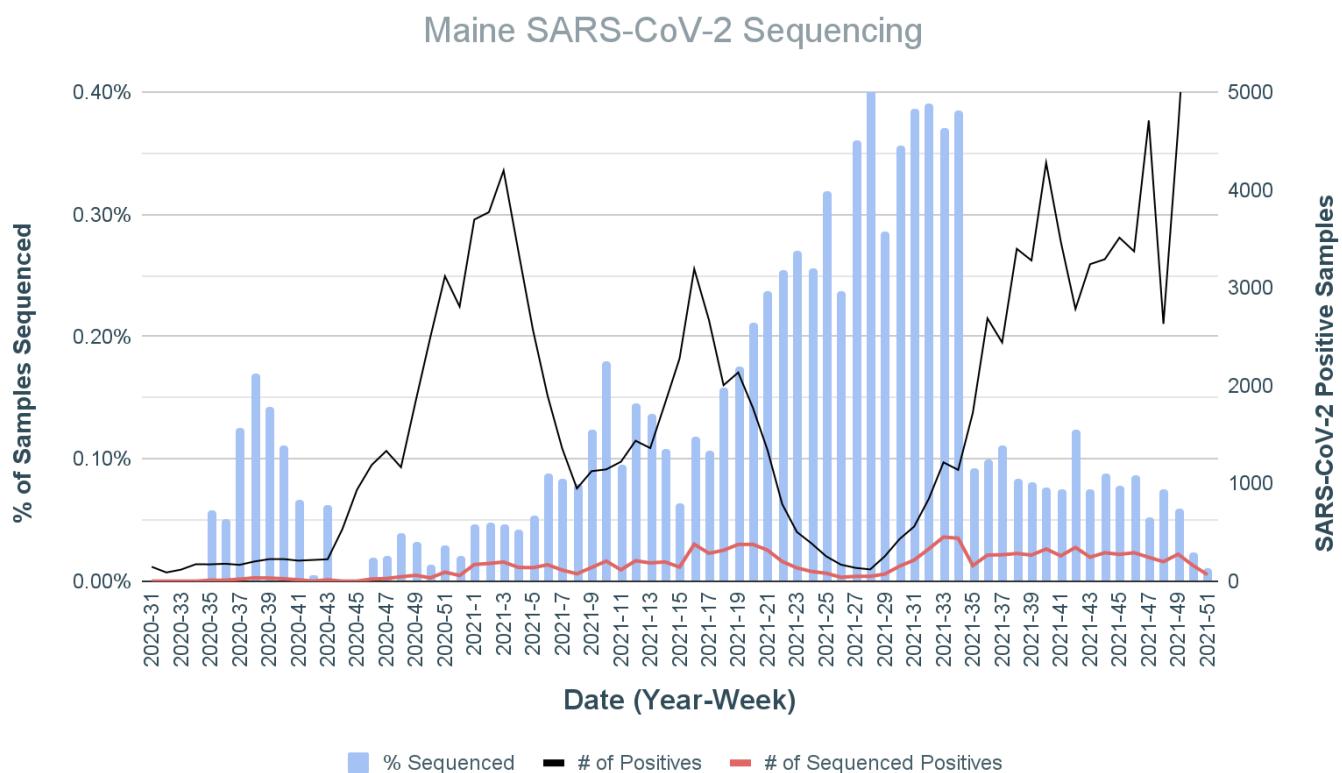


Figure 3: Proportion of COVID-19 positive samples sequenced.

Sample Collection Date	JAX	HETL	CDC	Other
Missing Date	405	0	0	0
Pre-Sept 2020	119	0	0	8
Sept 2020	116	0	0	0
Oct 2020	34	0	0	0
Nov 2020	126	0	0	0
Dec 2020	320	0	12	2
Jan 2021	608	0	89	19
Feb 2021	351	13	125	7
Mar 2021	564	16	222	1
Apr 2021	750	83	359	1
May 2021	950	59	305	0
June 2021	298	0	75	0
July 2021	457	0	50	0
Aug 2021	1338	0	160	0
Sep 2021	729	0	419	0
Oct 2021	582	0	719	2
Nov 2021	625	0	496	6
Dec 2021	331	0	41	0

Table 2: Total number of samples sequenced. Only Sequences passing quality metrics are included. CDC totals include samples from federal contracts (LabCorp, Helix, Broad) and 10 samples requested from HETL every 2 weeks via the NS3 surveillance program.

	Total	11/21/21 - 11/27/21	11/28/21 - 12/04/21	12/05/21 - 12/11/21	12/12/21 - 12/18/21
Total number of cases sequenced	11992	199	276	162	67
Total positive tests by molecular testing	117311	N/A	N/A	N/A	N/A
Total positive tests	167587	2632	4629	6879	6403
Percent of positives sequenced (molecular)	10.48%	-	-	-	-
Percent of positives sequenced (total)	7.33%	7.56%	5.96%	2.35%	1.05%

Table 3: Total proportion of positive tests sequenced.

Supplemental Table 1: VOC/VOI proportion and total counts by county. Sequences obtained through GISAID (CDC, HETL, Other) are not included in the by-county breakdown.

AY.* does not include AY.3.*, AY.25, AY.26, AY.39, AY.44, AY.47 and AY.103 which are provided separately.

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
P.1*	ANDROSCOGGIN	1.4% (13)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	AROOSTOOK	8.4% (32)	8.3% (1)	0% (0)	0% (0)	0% (0)
P.1*	CUMBERLAND	1.5% (21)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	FRANKLIN	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	HANCOCK	2.2% (5)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	KENNEBEC	1.2% (9)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	OXFORD	1.2% (4)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	PENOBCOT	1.9% (25)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	SAGADAHOC	1.3% (1)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	WALDO	1.4% (4)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	YORK	1.5% (14)	0% (0)	0% (0)	0% (0)	0% (0)
P.1*	Total (w/ county information)	1.6% (129)	0.2% (1)	0% (0)	0% (0)	0% (0)
P.1*	Total	1.4% (167)	0.1% (1)	0% (0)	0% (0)	0% (0)
B.1.351	ANDROSCOGGIN	0.2% (2)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	CUMBERLAND	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	LINCOLN	1.2% (2)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	PENOBCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	Total (w/ county information)	0.1% (5)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.351	Total	0.1% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	ANDROSCOGGIN	14.7% (135)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	AROOSTOOK	7.6% (29)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	CUMBERLAND	12.0% (165)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	FRANKLIN	13.5% (19)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	HANCOCK	7.5% (17)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	KENNEBEC	8.4% (62)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	KNOX	5.6% (12)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	LINCOLN	24.2% (40)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	OXFORD	15.2% (51)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	PENOBCOT	10.9% (141)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	SAGADAHOC	17.5% (14)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	SOMERSET/PISCATAQUIS	10.5% (72)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	WALDO	4.9% (14)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	WASHINGTON	5.2% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	YORK	10.5% (101)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	Total (w/ county information)	11.1% (880)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.1.7	Total	9.7% (1168)	0% (0)	0% (0)	0% (0)	0% (0)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
Q.*	ANDROSCOGGIN	1.0% (9)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	CUMBERLAND	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	OXFORD	0.3% (1)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	PENOBCOT	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	WALDO	0.7% (2)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	YORK	0.2% (2)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	Total (w/ county information)	0.2% (15)	0% (0)	0% (0)	0% (0)	0% (0)
Q.*	Total	0.2% (19)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	ANDROSCOGGIN	1.2% (11)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	AROOSTOOK	3.1% (12)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	CUMBERLAND	3.0% (41)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	KENNEBEC	1.0% (7)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	OXFORD	1.2% (4)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	PENOBCOT	1.7% (22)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	SAGADAHOC	1.3% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	SOMERSET/PISCATAQUIS	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	WALDO	0.3% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	WASHINGTON	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	YORK	1.3% (13)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	Total (w/ county information)	1.4% (114)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.429	Total	1.2% (149)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	ANDROSCOGGIN	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	CUMBERLAND	0.1% (2)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	HANCOCK	0.4% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	PENOBCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	Total (w/ county information)	0.1% (4)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.427	Total	0.0% (4)	0% (0)	0% (0)	0% (0)	0% (0)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
B.1.525	ANDROSCOGGIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	CUMBERLAND	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	FRANKLIN	2.1% (3)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	OXFORD	1.2% (4)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	PENOBCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	YORK	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	Total (w/ county information)	0.1% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.525	Total	0.1% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	ANDROSCOGGIN	17.0% (156)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	AROOSTOOK	2.1% (8)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	CUMBERLAND	8.5% (116)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	FRANKLIN	8.5% (12)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	HANCOCK	9.2% (21)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	KENNEBEC	13.0% (96)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	KNOX	10.3% (22)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	LINCOLN	3.6% (6)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	OXFORD	10.1% (34)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	PENOBCOT	7.0% (91)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	SAGADAHOC	22.5% (18)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	SOMERSET/PISCATAQUIS	11.8% (81)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	WALDO	6.6% (19)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	WASHINGTON	13.7% (21)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	YORK	6.4% (62)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	Total (w/ county information)	9.6% (763)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.526	Total	8.4% (1013)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.617.2	ANDROSCOGGIN	0.7% (6)	0% (0)	0% (0)	3.7% (2)	16.7% (2)
B.1.617.2	AROOSTOOK	1.6% (6)	0% (0)	0% (0)	13.5% (5)	0% (0)
B.1.617.2	CUMBERLAND	2.5% (34)	5.0% (2)	14.0% (12)	5.0% (6)	7.0% (4)
B.1.617.2	FRANKLIN	2.1% (3)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.617.2	HANCOCK	0.4% (1)	0% (0)	25.0% (1)	0% (0)	0% (0)
B.1.617.2	KENNEBEC	2.2% (16)	1.7% (1)	7.0% (3)	5.2% (4)	2.1% (1)
B.1.617.2	KNOX	4.2% (9)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.617.2	LINCOLN	12.7% (21)	23.8% (5)	0% (0)	0% (0)	0% (0)
B.1.617.2	OXFORD	1.8% (6)	16.7% (1)	0% (0)	12.5% (1)	0% (0)
B.1.617.2	PENOBCOT	2.5% (32)	8.5% (11)	0% (0)	0% (0)	4.3% (2)
B.1.617.2	SAGADAHOC	3.8% (3)	0% (0)	14.3% (1)	0% (0)	50.0% (2)
B.1.617.2	SOMERSET/PISCATAQUIS	2.8% (19)	1.1% (1)	2.9% (2)	4.7% (3)	3.0% (1)
B.1.617.2	WALDO	4.9% (14)	0% (0)	0% (0)	20.0% (1)	0% (0)
B.1.617.2	WASHINGTON	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.617.2	YORK	2.5% (24)	0% (0)	3.9% (2)	7.7% (4)	3.8% (1)
B.1.617.2	Total (w/ county information)	2.5% (195)	4.1% (21)	4.2% (21)	4.7% (26)	4.8% (13)
B.1.617.2	Total	2.7% (319)	2.9% (33)	4.9% (64)	5.1% (58)	5.4% (20)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
AY.3*	ANDROSCOGGIN	3.6% (33)	14.3% (1)	2.9% (1)	18.5% (10)	0% (0)
AY.3*	AROOSTOOK	3.4% (13)	16.7% (2)	8.8% (3)	2.7% (1)	20.0% (2)
AY.3*	CUMBERLAND	2.4% (33)	17.5% (7)	0% (0)	5.8% (7)	0% (0)
AY.3*	FRANKLIN	1.4% (2)	0% (0)	0% (0)	0% (0)	0% (0)
AY.3*	HANCOCK	11.4% (26)	0% (0)	0% (0)	100.0% (23)	0% (0)
AY.3*	KENNEBEC	3.9% (29)	6.7% (4)	7.0% (3)	2.6% (2)	2.1% (1)
AY.3*	KNOX	28.6% (61)	21.4% (3)	72.7% (16)	89.2% (33)	0% (0)
AY.3*	LINCOLN	3.6% (6)	0% (0)	30.0% (3)	50.0% (1)	0% (0)
AY.3*	OXFORD	2.1% (7)	16.7% (1)	0% (0)	0% (0)	100.0% (2)
AY.3*	PENOBCOT	3.2% (41)	4.7% (6)	4.8% (3)	5.2% (3)	4.3% (2)
AY.3*	SAGADAHOC	1.3% (1)	0% (0)	0% (0)	50.0% (1)	0% (0)
AY.3*	SOMERSET/PISCATAQUIS	2.9% (20)	4.2% (4)	18.6% (13)	1.6% (1)	0% (0)
AY.3*	WALDO	3.1% (9)	5.0% (1)	0% (0)	0% (0)	0% (0)
AY.3*	WASHINGTON	1.3% (2)	14.3% (1)	0% (0)	0% (0)	0% (0)
AY.3*	YORK	6.4% (62)	4.6% (4)	3.9% (2)	23.1% (12)	11.5% (3)
AY.3*	Total (w/ county information)	4.3% (345)	6.6% (34)	8.7% (44)	16.9% (94)	3.7% (10)
AY.3*	Total	4.3% (510)	5.7% (65)	7.1% (93)	9.8% (110)	4.3% (16)
AY.25	ANDROSCOGGIN	1.7% (16)	28.6% (2)	2.9% (1)	9.3% (5)	0% (0)
AY.25	AROOSTOOK	6.0% (23)	16.7% (2)	8.8% (3)	18.9% (7)	0% (0)
AY.25	CUMBERLAND	6.4% (88)	25.0% (10)	8.1% (7)	22.5% (27)	8.8% (5)
AY.25	FRANKLIN	5.7% (8)	50.0% (2)	0% (0)	0% (0)	0% (0)
AY.25	HANCOCK	8.8% (20)	0% (0)	0% (0)	0% (0)	0% (0)
AY.25	KENNEBEC	5.4% (40)	23.3% (14)	7.0% (3)	3.9% (3)	19.1% (9)
AY.25	KNOX	8.5% (18)	28.6% (4)	9.1% (2)	0% (0)	0% (0)
AY.25	LINCOLN	11.5% (19)	9.5% (2)	10.0% (1)	0% (0)	100.0% (1)
AY.25	OXFORD	12.2% (41)	33.3% (2)	84.1% (37)	0% (0)	0% (0)
AY.25	PENOBCOT	6.0% (78)	11.6% (15)	19.0% (12)	3.4% (2)	8.7% (4)
AY.25	SAGADAHOC	1.3% (1)	0% (0)	0% (0)	0% (0)	0% (0)
AY.25	SOMERSET/PISCATAQUIS	4.7% (32)	13.7% (13)	4.3% (3)	3.1% (2)	3.0% (1)
AY.25	WALDO	37.1% (106)	35.0% (7)	0% (0)	0% (0)	0% (0)
AY.25	WASHINGTON	5.9% (9)	57.1% (4)	8.0% (2)	0% (0)	0% (0)
AY.25	YORK	11.4% (110)	32.2% (28)	43.1% (22)	1.9% (1)	0% (0)
AY.25	Total (w/ county information)	7.7% (609)	20.4% (105)	18.5% (93)	8.4% (47)	7.4% (20)
AY.25	Total	9.0% (1077)	19.8% (227)	15.0% (195)	11.2% (126)	9.4% (35)
AY.26	ANDROSCOGGIN	0.3% (3)	14.3% (1)	0% (0)	0% (0)	0% (0)
AY.26	AROOSTOOK	2.4% (9)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	CUMBERLAND	0.4% (6)	0% (0)	2.3% (2)	0% (0)	0% (0)
AY.26	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	HANCOCK	2.6% (6)	0% (0)	25.0% (1)	0% (0)	0% (0)
AY.26	KENNEBEC	2.0% (15)	8.3% (5)	0% (0)	0% (0)	0% (0)
AY.26	KNOX	3.3% (7)	14.3% (2)	9.1% (2)	0% (0)	0% (0)
AY.26	LINCOLN	3.0% (5)	0% (0)	10.0% (1)	0% (0)	0% (0)
AY.26	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	PENOBCOT	1.3% (17)	1.6% (2)	0% (0)	0% (0)	0% (0)
AY.26	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	SOMERSET/PISCATAQUIS	5.7% (39)	11.6% (11)	0% (0)	0% (0)	0% (0)
AY.26	WALDO	1.0% (3)	5.0% (1)	0% (0)	0% (0)	0% (0)
AY.26	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.26	YORK	2.1% (20)	3.4% (3)	0% (0)	0% (0)	0% (0)
AY.26	Total (w/ county information)	1.6% (130)	4.9% (25)	1.2% (6)	0% (0)	0% (0)
AY.26	Total	1.7% (207)	4.6% (53)	2.0% (26)	0.1% (1)	0% (0)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
AY.39*	ANDROSCOGGIN	0.3% (3)	0% (0)	0% (0)	0% (0)	8.3% (1)
AY.39*	AROOSTOOK	0.3% (1)	0% (0)	0% (0)	2.7% (1)	0% (0)
AY.39*	CUMBERLAND	0.7% (9)	2.5% (1)	1.2% (1)	0% (0)	1.8% (1)
AY.39*	FRANKLIN	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	HANCOCK	0.4% (1)	0% (0)	25.0% (1)	0% (0)	0% (0)
AY.39*	KENNEBEC	0.5% (4)	1.7% (1)	0% (0)	0% (0)	4.3% (2)
AY.39*	KNOX	0.9% (2)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	PENOBCOT	0.8% (10)	0.8% (1)	0% (0)	1.7% (1)	2.2% (1)
AY.39*	SAGADAHOC	1.3% (1)	0% (0)	14.3% (1)	0% (0)	0% (0)
AY.39*	SOMERSET/PISCATAQUIS	1.6% (11)	5.3% (5)	0% (0)	0% (0)	6.1% (2)
AY.39*	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
AY.39*	YORK	1.5% (14)	0% (0)	2.0% (1)	1.9% (1)	3.8% (1)
AY.39*	Total (w/ county information)	0.7% (57)	1.6% (8)	0.8% (4)	0.5% (3)	3.0% (8)
AY.39*	Total	1.0% (114)	1.0% (12)	1.8% (23)	1.4% (16)	2.7% (10)
AY.44	ANDROSCOGGIN	1.1% (10)	14.3% (1)	2.9% (1)	3.7% (2)	8.3% (1)
AY.44	AROOSTOOK	6.5% (25)	0% (0)	35.3% (12)	18.9% (7)	0% (0)
AY.44	CUMBERLAND	3.8% (52)	22.5% (9)	12.8% (11)	2.5% (3)	8.8% (5)
AY.44	FRANKLIN	2.8% (4)	0% (0)	75.0% (3)	0% (0)	0% (0)
AY.44	HANCOCK	2.2% (5)	0% (0)	0% (0)	0% (0)	0% (0)
AY.44	KENNEBEC	8.3% (61)	21.7% (13)	20.9% (9)	19.5% (15)	8.5% (4)
AY.44	KNOX	10.3% (22)	14.3% (2)	4.5% (1)	2.7% (1)	7.1% (1)
AY.44	LINCOLN	3.0% (5)	4.8% (1)	0% (0)	0% (0)	0% (0)
AY.44	OXFORD	1.8% (6)	0% (0)	0% (0)	0% (0)	0% (0)
AY.44	PENOBCOT	8.7% (113)	1.6% (2)	22.2% (14)	58.6% (34)	65.2% (30)
AY.44	SAGADAHOC	3.8% (3)	0% (0)	14.3% (1)	0% (0)	0% (0)
AY.44	SOMERSET/PISCATAQUIS	12.3% (84)	28.4% (27)	35.7% (25)	12.5% (8)	12.1% (4)
AY.44	WALDO	2.8% (8)	0% (0)	0% (0)	0% (0)	5.9% (1)
AY.44	WASHINGTON	15.0% (23)	0% (0)	76.0% (19)	27.3% (3)	0% (0)
AY.44	YORK	4.5% (43)	12.6% (11)	3.9% (2)	1.9% (1)	0% (0)
AY.44	Total (w/ county information)	5.8% (464)	12.8% (66)	19.4% (98)	13.3% (74)	17.0% (46)
AY.44	Total	6.6% (789)	10.5% (120)	15.7% (205)	12.2% (137)	20.4% (76)
AY.47	ANDROSCOGGIN	0.1% (1)	0% (0)	2.9% (1)	0% (0)	0% (0)
AY.47	AROOSTOOK	0.8% (3)	0% (0)	2.9% (1)	0% (0)	0% (0)
AY.47	CUMBERLAND	0.9% (12)	2.5% (1)	1.2% (1)	5.0% (6)	3.5% (2)
AY.47	FRANKLIN	2.1% (3)	0% (0)	0% (0)	0% (0)	0% (0)
AY.47	HANCOCK	3.1% (7)	30.8% (4)	0% (0)	0% (0)	0% (0)
AY.47	KENNEBEC	0.3% (2)	0% (0)	2.3% (1)	0% (0)	2.1% (1)
AY.47	KNOX	0.9% (2)	7.1% (1)	0% (0)	0% (0)	0% (0)
AY.47	LINCOLN	1.8% (3)	0% (0)	0% (0)	0% (0)	0% (0)
AY.47	OXFORD	0.9% (3)	0% (0)	0% (0)	0% (0)	0% (0)
AY.47	PENOBCOT	1.5% (19)	3.1% (4)	4.8% (3)	0% (0)	2.2% (1)
AY.47	SAGADAHOC	1.3% (1)	0% (0)	0% (0)	50.0% (1)	0% (0)
AY.47	SOMERSET/PISCATAQUIS	2.8% (19)	10.5% (10)	5.7% (4)	0% (0)	0% (0)
AY.47	WALDO	2.1% (6)	5.0% (1)	33.3% (2)	0% (0)	5.9% (1)
AY.47	WASHINGTON	4.6% (7)	28.6% (2)	4.0% (1)	9.1% (1)	100.0% (1)
AY.47	YORK	1.7% (16)	6.9% (6)	2.0% (1)	0% (0)	0% (0)
AY.47	Total (w/ county information)	1.3% (104)	5.6% (29)	3.0% (15)	1.4% (8)	2.2% (6)
AY.47	Total	1.7% (203)	5.1% (59)	3.6% (47)	1.5% (17)	1.6% (6)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
AY.103	ANDROSCOGGIN	7.3% (67)	28.6% (2)	82.9% (29)	51.9% (28)	58.3% (7)
AY.103	AROOSTOOK	17.0% (65)	41.7% (5)	11.8% (4)	21.6% (8)	20.0% (2)
AY.103	CUMBERLAND	8.1% (111)	17.5% (7)	32.6% (28)	35.8% (43)	36.8% (21)
AY.103	FRANKLIN	6.4% (9)	25.0% (1)	0% (0)	71.4% (5)	0% (0)
AY.103	HANCOCK	11.4% (26)	61.5% (8)	25.0% (1)	0% (0)	100.0% (1)
AY.103	KENNEBEC	17.8% (131)	33.3% (20)	41.9% (18)	64.9% (50)	59.6% (28)
AY.103	KNOX	8.0% (17)	7.1% (1)	4.5% (1)	5.4% (2)	85.7% (12)
AY.103	LINCOLN	7.3% (12)	14.3% (3)	30.0% (3)	50.0% (1)	0% (0)
AY.103	OXFORD	4.8% (16)	16.7% (1)	13.6% (6)	87.5% (7)	0% (0)
AY.103	PENOBCOT	21.0% (272)	51.2% (66)	38.1% (24)	24.1% (14)	10.9% (5)
AY.103	SAGADAHOC	6.3% (5)	0% (0)	42.9% (3)	0% (0)	50.0% (2)
AY.103	SOMERSET/PISCATAQUIS	18.0% (123)	20.0% (19)	25.7% (18)	67.2% (43)	66.7% (22)
AY.103	WALDO	11.5% (33)	45.0% (9)	50.0% (3)	80.0% (4)	70.6% (12)
AY.103	WASHINGTON	17.6% (27)	0% (0)	12.0% (3)	27.3% (3)	0% (0)
AY.103	YORK	5.2% (50)	14.9% (13)	13.7% (7)	25.0% (13)	34.6% (9)
AY.103	Total (w/ county information)	12.1% (964)	30.1% (155)	29.4% (148)	39.7% (221)	44.6% (121)
AY.103	Total	15.5% (1859)	31.1% (357)	31.1% (405)	43.5% (490)	37.9% (141)
AY.*	ANDROSCOGGIN	2.4% (22)	0% (0)	5.7% (2)	13.0% (7)	8.3% (1)
AY.*	AROOSTOOK	7.9% (30)	16.7% (2)	32.4% (11)	21.6% (8)	50.0% (5)
AY.*	CUMBERLAND	9.0% (124)	7.5% (3)	27.9% (24)	23.3% (28)	33.3% (19)
AY.*	FRANKLIN	9.9% (14)	25.0% (1)	25.0% (1)	28.6% (2)	0% (0)
AY.*	HANCOCK	7.0% (16)	7.7% (1)	0% (0)	0% (0)	0% (0)
AY.*	KENNEBEC	2.6% (19)	3.3% (2)	11.6% (5)	2.6% (2)	2.1% (1)
AY.*	KNOX	4.7% (10)	7.1% (1)	0% (0)	2.7% (1)	7.1% (1)
AY.*	LINCOLN	13.9% (23)	47.6% (10)	10.0% (1)	0% (0)	0% (0)
AY.*	OXFORD	3.6% (12)	16.7% (1)	2.3% (1)	0% (0)	0% (0)
AY.*	PENOBCOT	5.0% (65)	17.1% (22)	11.1% (7)	6.9% (4)	2.2% (1)
AY.*	SAGADAHOC	6.3% (5)	0% (0)	14.3% (1)	0% (0)	0% (0)
AY.*	SOMERSET/PISCATAQUIS	4.5% (31)	5.3% (5)	7.1% (5)	10.9% (7)	9.1% (3)
AY.*	WALDO	7.0% (20)	5.0% (1)	16.7% (1)	0% (0)	11.8% (2)
AY.*	WASHINGTON	3.9% (6)	0% (0)	0% (0)	36.4% (4)	0% (0)
AY.*	YORK	11.1% (107)	25.3% (22)	27.5% (14)	38.5% (20)	46.2% (12)
AY.*	Total (w/ county information)	6.3% (504)	13.8% (71)	14.5% (73)	14.9% (83)	16.6% (45)
AY.*	Total	8.6% (1027)	18.6% (213)	17.0% (222)	14.6% (164)	15.6% (58)
P.2	ANDROSCOGGIN	0.4% (4)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	AROOSTOOK	1.3% (5)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	CUMBERLAND	0.4% (5)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	FRANKLIN	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	HANCOCK	8.3% (19)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	KENNEBEC	0.3% (2)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	LINCOLN	2.4% (4)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	PENOBCOT	1.3% (17)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	SAGADAHOC	2.5% (2)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	SOMERSET/PISCATAQUIS	3.9% (27)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	WALDO	1.0% (3)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	Total (w/ county information)	1.1% (89)	0% (0)	0% (0)	0% (0)	0% (0)
P.2	Total	0.9% (112)	0% (0)	0% (0)	0% (0)	0% (0)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
B.1.621*	ANDROSCOGGIN	1.3% (12)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	CUMBERLAND	1.1% (15)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	FRANKLIN	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	KENNEBEC	0.1% (1)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	PENOBCOT	0.2% (3)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	SOMERSET/PISCATAQUIS	0.9% (6)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	WALDO	1.0% (3)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	YORK	3.8% (37)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	Total (w/ county information)	1.0% (78)	0% (0)	0% (0)	0% (0)	0% (0)
B.1.621*	Total	0.9% (104)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	ANDROSCOGGIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	AROOSTOOK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	CUMBERLAND	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	PENOBCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	WALDO	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	WASHINGTON	0.7% (1)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	Total (w/ county information)	0.0% (1)	0% (0)	0% (0)	0% (0)	0% (0)
C.37*	Total	0.0% (3)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	ANDROSCOGGIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	AROOSTOOK	0.3% (1)	0% (0)	0% (0)	0% (0)	10.0% (1)
BA.1	CUMBERLAND	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	FRANKLIN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	HANCOCK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	KENNEBEC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	KNOX	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	LINCOLN	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	OXFORD	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	PENOBCOT	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	SAGADAHOC	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	SOMERSET/PISCATAQUIS	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	WALDO	0.3% (1)	0% (0)	0% (0)	0% (0)	5.9% (1)
BA.1	WASHINGTON	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	YORK	0% (0)	0% (0)	0% (0)	0% (0)	0% (0)
BA.1	Total (w/ county information)	0.0% (2)	0% (0)	0% (0)	0% (0)	0.7% (2)
BA.1	Total	0.1% (8)	0% (0)	0% (0)	0% (0)	2.2% (8)

Supplemental Table 1 continued:

Variant	County	Cumulative % (total count)	Sept 2021	Oct 2021	Nov 2021	Dec 2021
Delta	ANDROSCOGGIN	54.8% (504)	100.0% (7)	100.0% (35)	100.0% (54)	100.0% (12)
	AROOSTOOK	68.6% (262)	100.0% (12)	100.0% (34)	100.0% (37)	100.0% (10)
	CUMBERLAND	60.9% (835)	100.0% (40)	100.0% (86)	100.0% (120)	100.0% (57)
	FRANKLIN	57.4% (81)	100.0% (4)	100.0% (4)	100.0% (7)	0% (0)
	HANCOCK	75.0% (171)	100.0% (13)	100.0% (4)	100.0% (23)	100.0% (1)
	KENNEBEC	67.1% (494)	100.0% (60)	97.7% (42)	98.7% (76)	100.0% (47)
	KNOX	85.4% (182)	100.0% (14)	100.0% (22)	100.0% (37)	100.0% (14)
	LINCOLN	88.5% (146)	100.0% (21)	90.0% (9)	100.0% (2)	100.0% (1)
	OXFORD	56.4% (189)	100.0% (6)	100.0% (44)	100.0% (8)	100.0% (2)
	PENOBCOT	73.0% (947)	100.0% (129)	100.0% (63)	100.0% (58)	100.0% (46)
	SAGADAHOC	70.0% (56)	0% (0)	100.0% (7)	100.0% (2)	100.0% (4)
	SOMERSET/PISCATAQUIS	82.6% (565)	100.0% (95)	100.0% (70)	100.0% (64)	100.0% (33)
	WALDO	86.0% (246)	100.0% (20)	100.0% (6)	100.0% (5)	100.0% (17)
	WASHINGTON	69.3% (106)	100.0% (7)	100.0% (25)	100.0% (11)	100.0% (1)
	YORK	70.1% (676)	100.0% (87)	100.0% (51)	100.0% (52)	100.0% (26)
Total VOI/VOC Sequenced	Total (w/ county information)	68.6% (5460)	100.0% (515)	99.6% (502)	99.8% (556)	100.0% (271)
Total VOI/VOC Sequenced	Total	73.9% (8868)	99.3% (1140)	98.2% (1280)	99.3% (1119)	99.5% (370)
Alpha	ANDROSCOGGIN	920	7	35	54	12
	AROOSTOOK	382	12	34	37	10
	CUMBERLAND	1372	40	86	120	57
	FRANKLIN	141	4	4	7	0
	HANCOCK	228	13	4	23	1
	KENNEBEC	736	60	43	77	47
	KNOX	213	14	22	37	14
	LINCOLN	165	21	10	2	1
	OXFORD	335	6	44	8	2
	PENOBCOT	1298	129	63	58	46
	SAGADAHOC	80	0	7	2	4
	SOMERSET/PISCATAQUIS	684	95	70	64	33
	WALDO	286	20	6	5	17
	WASHINGTON	153	7	25	11	1
	YORK	964	87	51	52	26
Total Cases Sequenced	Total (w/ county information)	7957	515	504	557	271
Total Cases Sequenced	Total	11992	1148	1303	1127	372